

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	13	(push-pull or (push adj2 pull) or (radial near2 PP)) same (((amplitude or magnitude or gain) near5 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) same (offset or voltage or reference or threshold) same (((pre adj2 pit) or (address)) near5 (detect\$4 or output \$4 or decod\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 12:50
L4	300	(369/47.22).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L5	398	(369/53.34).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L6	200	(369/59.17).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L7	115	(369/124.05).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L8	169	(369/124.07).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L9	124	(369/124.11).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L10	130	(369/124.12).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:53
L11	1338	L4 L5 L6 L7 L8 L9 L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 12:53
L12	6	3 and 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 12:53
L13	1	("6928041").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/07 12:55
L14	4	("4975895"   "4980877"   "5943313"   "6188654").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 12:59
L15	4	("6188654").URPN.	USPAT	OR	ON	2008/10/07 13:04

L16	5	("6058093"   "6272089"   "6487149"   "6603726"   "6707780").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 13:09
L17	1	("5859820").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 13:10
L18	35	("6487149").URPN.	USPAT	OR	ON	2008/10/07 13:11
L19	26	(push-pull or (push adj2 pull) or (radial near2 PP)) same (((amplitude or magnitude or gain) near5 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) same (((pre adj2 pit) or (address)) near5 (detect \$4 or output\$4 or decod \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:17
L20	354479	((charg\$4 or discharg\$4) near7 (capacit\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:18
L21	11	19 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:18
L22	5	("5202873"   "5606544"   "6160773"   "6188654"   "6337838").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 13:20
L23	20	19 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:29
L24	9	23 not 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:30
L25	320	(369/47.27).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:51
L26	499	(369/47.28).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:51
L27	170	(369/47.25).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:52

L28	35	(369/47.29).OCLS	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:52
L29	147	(369/47.36).OCLS	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:52
L30	91	(369/59.15).OCLS	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:52
L31	227	(369/59.21).OCLS	US-PGPUB; USPAT	OR	OFF	2008/10/07 13:52
L32	1191	25 26 27 28 29 30 21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:52
L33	215	11 and 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:52
L34	10	19 and 33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 13:53
L35	5913	((amplitude or magnitude or gain) near5 (vari4 or chang\$4)) or (peak near2 hold\$3)) or same 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:05
L36	216357	((pre adj2 pit) or (address)) near5 (detect \$4 or output\$4 or decod \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:06
L37	215	35 and 36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:06
L38	1381	25 26 27 28 29 30 31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:07

L39	2453	11 38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:07
L40	8	37 and 39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/07 14:07
L41	1	((push-pull or (push adj2 pull) or (radial near2 PP)) and (((amplitude or magnitude or gain) near5 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) and (((pre adj2 pit) or (address)) near5 (detect \$4 or output\$4 or decod \$4)) and ((charg\$4 or discharg\$4) near5 (capacit\$4) and (offset \$4) and ((add\$4 or sum \$4))).clm.	US-PGPUB	OR	ON	2008/10/07 15:10
L42	25	((pre adj pit) near2 detect \$4).ti.	USPAT	OR	ON	2008/10/07 15:26
L43	25	42 and "369".clas.	USPAT	OR	ON	2008/10/07 15:26
S1	1	10/680109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 12:24
S2	1	("6928041").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/23 12:36
S3	1	("20030058764").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/23 12:53
S4	1	11/542134	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 13:00
S5	1	("6603726").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:14
S6	1	("6928041").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:40
S7	1	("6891782").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:57

S8	260	(369/47.22).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:58
S9	351	(369/53.34).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:58
S10	180	(369/59.17).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:58
S11	107	(369/124.05).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:58
S12	150	(369/124.07).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:59
S13	112	(369/124.11).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:59
S14	112	(369/124.12).OCLS	US-PGPUB; USPAT	OR	OFF	2007/04/23 13:59
S15	1182	S8 S9 S10 S11 S12 S13 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:02
S16	101	S15 and (pre adj pit) and (push adj pull)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:02
S17	16	S16 and (address\$3 adj decod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:03
S18	16	S17 and ((amplitude voltage signal) near3 (variati\$5 chang\$5 oscillat \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:04
S19	3	S18 and (offset and noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:04
S20	5	S18 and (offset bias)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:04

S21	16	S18 and (address adj (ooder deocod\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:06
S22	120	S15 and ((pre adj pit) and (wobbl\$4) and ((push adj pull) ("wobble signal")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 14:06
S23	8	(photodetector or (photo adj2 detector) or (light-receiving adj2 element)) same (push-pull or (push adj2 pull)) same (attenuat\$5 or filter or (low adj2 pass) or LPF) same (prepit or (pre adj2 pit)) same (compar\$5 or threshold or reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 09:41
S24	1	ohta-shinji.in. and sanotatsushi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 09:42
S25	280	(369/47.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S26	375	(369/53.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S27	191	(369/59.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S28	110	(369/124.05).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S29	162	(369/124.07).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S30	120	(369/124.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S31	121	(369/124.12).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/10/25 13:29
S32	1263	S25 S26 S27 S28 S29 S30 S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:29

S33	109	S32 and (pre adj pit) and (push adj pull)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30
S34	19	S33 and (address\$3 adj decod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30
S35	18	S34 and ((amplitude voltage signal) near3 (variati\$5 chang\$5 oscillat \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30
S36	5	S35 and (offset and noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30
S37	5	S35 and (offset and noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:31
S38	134	S32 and ((pre adj pit) and (wobbl\$4) and ((push adj pull) ("wobble signal")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30
S39	8	(photodetector or (photo adj2 detector) or (light-receiving adj2 element)) same (push-pull or (push adj2 pull)) same (attenuat \$5 or filter or (low adj2 pass) or LPF) same (prepit or (pre adj2 pit)) same (compar\$5 or threshold or reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:57
S40	109	S32 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 13:30

S41	1	11/736417	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 14:35
S42	3	"20050025017"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/25 14:39
S43	1	("5574706").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/25 14:40
S44	1	("6487149").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/26 10:58
S45	31	("6487149").URPN.	USPAT	OR	ON	2008/03/26 11:13
S46	289	(369/47.22).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S47	384	(369/53.34).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S48	194	(369/59.17).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S49	113	(369/124.05).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S50	166	(369/124.07).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S51	124	(369/124.11).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S52	126	(369/124.12).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 11:37
S53	1300	S46 S47 S48 S49 S50 S51 S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37
S54	114	S53 and (pre adj pit) and (push adj pull)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37
S55	20	S54 and (address\$3 adj decod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37



S56	19	S55 and ((amplitude voltage signal) near3 (variati\$5 chang\$5 oscillat \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37
S57	353	(pre-pit or (pre adj2 pit)). ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:15
S58	78	S57 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:16
S59	289	(369/47.22).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S60	384	(369/53.34).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S61	194	(369/59.17).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S62	113	(369/124.05).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S63	166	(369/124.07).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S64	124	(369/124.11).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S65	126	(369/124.12).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/03/26 12:16
S66	1300	S59 S60 S61 S62 S63 S64 S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:16
S67	5889	S57 andn S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:17
S68	37	S57 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:17

S69	312	(push-pull or (push adj2 pull) or (radial near2 PP)) same ((amplitude or magnitude or gain) near2 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) same (offset or voltage or reference or threshold) same (add\$4 or compar\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:26
S70	291	(push-pull or (push adj2 pull) or (radial near2 PP)) same (((amplitude or magnitude or gain) near2 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) same (offset or voltage or reference or threshold) same (add\$4 or compar\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:29
S71	8	S57 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:30
S72	6	S70 same (pre-pit or (pre adj2 pit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:43
S73	0	S72 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:44
S74	8	S70 and (pre-pit or (pre adj2 pit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:44
S75	6	S66 and S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:46

S76	8	(photodetector or (photo adj2 detector) or (light-receiving adj2 element)) same (push-pull or (push adj2 pull)) same (attenuat\$5 or filter or (low adj2 pass) or LPF) same (prepit or (pre adj2 pit)) same (compar\$5 or threshold or reference or slic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:03
S77	298	(push-pull or (push adj2 pull) or (radial near2 PP)) same (((amplitude or magnitude or gain) near2 (variati\$4 or chang\$4)) or (peak near2 hold\$3)) same (offset or voltage or reference or threshold) same (add\$4 or compar\$5 or slic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:05
S78	7	S77 not S70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:05
S79	1	("20050027316").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/27 10:41

10/ 7/ 2008 3:40:52 PM

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